

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.355218] pci 0000:00:08.1: enabling
Extended Tags
[    0.355245] pci 0000:00:08.1: PME# supported
from D0 D3hot D3cold
[    0.355363] pci 0000:00:08.3: [1022:14dd] type
01 class 0x060400 PCIe Root Port
[    0.355374] pci 0000:00:08.3: PCI bridge to
[bus 06]
[    0.355378] pci 0000:00:08.3:   bridge window
[mem 0xfc600000-0xfc6fffff]
[    0.355386] pci 0000:00:08.3: enabling
Extended Tags
[    0.355413] pci 0000:00:08.3: PME# supported
from D0 D3hot D3cold
[    0.355519] pci 0000:00:14.0: [1022:790b] type
00 class 0x0c0500 conventional PCI endpoint
[    0.355631] pci 0000:00:14.3: [1022:790e] type
00 class 0x060100 conventional PCI endpoint
[    0.355761] pci 0000:00:18.0: [1022:14e0] type
00 class 0x060000 conventional PCI endpoint
[    0.355808] pci 0000:00:18.1: [1022:14e1] type
00 class 0x060000 conventional PCI endpoint
[    0.355846] pci 0000:00:18.2: [1022:14e2] type
00 class 0x060000 conventional PCI endpoint
[    0.355885] pci 0000:00:18.3: [1022:14e3] type
00 class 0x060000 conventional PCI endpoint
[    0.355924] pci 0000:00:18.4: [1022:14e4] type
00 class 0x060000 conventional PCI endpoint
```

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```
[    0.355962] pci 0000:00:18.5: [1022:14e5] type
00 class 0x060000 conventional PCI endpoint
[    0.356001] pci 0000:00:18.6: [1022:14e6] type
00 class 0x060000 conventional PCI endpoint
[    0.356042] pci 0000:00:18.7: [1022:14e7] type
00 class 0x060000 conventional PCI endpoint
[    0.356166] pci 0000:01:00.0: [10de:28e0] type
00 class 0x030000 PCIe Legacy Endpoint
[    0.356206] pci 0000:01:00.0: BAR 0 [mem
0xfb000000-0xfbffffff]
[    0.356210] pci 0000:01:00.0: BAR 1 [mem
0xfa00000000-0xfbffffffff 64bit pref]
[    0.356213] pci 0000:01:00.0: BAR 3 [mem
0xfc00000000-0xfc01ffffff 64bit pref]
[    0.356216] pci 0000:01:00.0: BAR 5 [io
0xf000-0xf07f]
[    0.356218] pci 0000:01:00.0: ROM [mem
0xfc000000-0xfc07ffff pref]
[    0.356300] pci 0000:01:00.0: PME# supported
from D0 D3hot
[    0.356444] pci 0000:01:00.0: 16.000 Gb/s
available PCIe bandwidth, limited by 2.5 GT/s
PCIe x8 link at 000
0:00:01.1 (capable of 126.024 Gb/s with 16.0 GT/s
PCIe x8 link)
[    0.356787] pci 0000:01:00.1: [10de:22be] type
00 class 0x040300 PCIe Endpoint
[    0.356825] pci 0000:01:00.1: BAR 0 [mem
0xfc080000-0xfc083fff]
```

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```
[    0.357003] pci 0000:00:01.1: PCI bridge to
[bus 01]
[    0.357210] pci 0000:02:00.0: [1c5c:174a] type
00 class 0x010802 PCIe Endpoint
[    0.357239] pci 0000:02:00.0: BAR 0 [mem
0xfc900000-0xfc903fff 64bit]
[    0.357241] pci 0000:02:00.0: BAR 2 [mem
0xfc905000-0xfc905fff]
[    0.357243] pci 0000:02:00.0: BAR 3 [mem
0xfc904000-0xfc904fff]
[    0.357460] pci 0000:00:01.2: PCI bridge to
[bus 02]
[    0.357534] pci 0000:03:00.0: [10ec:8168] type
00 class 0x020000 PCIe Endpoint
[    0.357573] pci 0000:03:00.0: BAR 0 [io
0xe000-0xe0ff]
[    0.357577] pci 0000:03:00.0: BAR 2 [mem
0xfc804000-0xfc804fff 64bit]
[    0.357581] pci 0000:03:00.0: BAR 4 [mem
0xfc800000-0xfc803fff 64bit]
[    0.357656] pci 0000:03:00.0: supports D1 D2
[    0.357657] pci 0000:03:00.0: PME# supported
from D0 D1 D2 D3hot D3cold
[    0.357811] pci 0000:00:01.6: PCI bridge to
[bus 03]
[    0.358176] pci 0000:04:00.0: [8086:24f3] type
00 class 0x028000 PCIe Endpoint
[    0.358384] pci 0000:04:00.0: BAR 0 [mem
0xfc700000-0xfc701fff 64bit]
```

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```
[    0.358801] pci 0000:04:00.0: PME# supported
from D0 D3hot D3cold
[    0.359387] pci 0000:00:01.7: PCI bridge to
[bus 04]
[    0.359477] pci 0000:05:00.0: [1002:164e] type
00 class 0x030000 PCIe Legacy Endpoint
[    0.359494] pci 0000:05:00.0: BAR 0 [mem
0xfc10000000-0xfc1fffffffff 64bit pref]
[    0.359496] pci 0000:05:00.0: BAR 2 [mem
0xfc20000000-0xfc201ffffff 64bit pref]
[    0.359498] pci 0000:05:00.0: BAR 4 [io
0xd000-0xd0ff]
[    0.359500] pci 0000:05:00.0: BAR 5 [mem
0xfc500000-0xfc57ffff]
[    0.359504] pci 0000:05:00.0: enabling
Extended Tags
[    0.359541] pci 0000:05:00.0: PME# supported
from D1 D2 D3hot D3cold
[    0.359644] pci 0000:05:00.2: [1022:1649] type
00 class 0x108000 PCIe Endpoint
[    0.359681] pci 0000:05:00.2: BAR 2 [mem
0xfc400000-0xfc4ffffff]
[    0.359684] pci 0000:05:00.2: BAR 5 [mem
0xfc5c8000-0xfc5c9fff]
[    0.359688] pci 0000:05:00.2: enabling
Extended Tags
[    0.359807] pci 0000:05:00.3: [1022:15b6] type
00 class 0x0c0330 PCIe Endpoint
```

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```
[    0.359824] pci 0000:05:00.3: BAR 0 [mem
0xfc300000-0xfc3ffffff 64bit]
[    0.359830] pci 0000:05:00.3: enabling
Extended Tags
[    0.359856] pci 0000:05:00.3: PME# supported
from D0 D3hot D3cold
[    0.359942] pci 0000:05:00.4: [1022:15b7] type
00 class 0x0c0330 PCIe Endpoint
[    0.359960] pci 0000:05:00.4: BAR 0 [mem
0xfc200000-0xfc2ffffff 64bit]
[    0.359965] pci 0000:05:00.4: enabling
Extended Tags
[    0.359991] pci 0000:05:00.4: PME# supported
from D0 D3hot D3cold
[    0.360078] pci 0000:05:00.5: [1022:15e2] type
00 class 0x048000 PCIe Endpoint
[    0.360093] pci 0000:05:00.5: BAR 0 [mem
0xfc580000-0xfc5bffff]
[    0.360100] pci 0000:05:00.5: enabling
Extended Tags
[    0.360123] pci 0000:05:00.5: PME# supported
from D0 D3hot D3cold
[    0.360204] pci 0000:05:00.6: [1022:15e3] type
00 class 0x040300 PCIe Endpoint
[    0.360219] pci 0000:05:00.6: BAR 0 [mem
0xfc5c0000-0xfc5c7fff]
[    0.360226] pci 0000:05:00.6: enabling
Extended Tags
```

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```
[    0.360249] pci 0000:05:00.6: PME# supported
from D0 D3hot D3cold
[    0.360345] pci 0000:00:08.1: PCI bridge to
[bus 05]
[    0.360390] pci 0000:06:00.0: [1022:15b8] type
00 class 0x0c0330 PCIe Endpoint
[    0.360412] pci 0000:06:00.0: BAR 0 [mem
0xfc600000-0xfc6fffff 64bit]
[    0.360418] pci 0000:06:00.0: enabling
Extended Tags
[    0.360449] pci 0000:06:00.0: PME# supported
from D0 D3hot D3cold
[    0.360544] pci 0000:00:08.3: PCI bridge to
[bus 06]
[    0.362219] ACPI: PCI: Interrupt link LNKA
configured for IRQ 0
[    0.362277] ACPI: PCI: Interrupt link LNKB
configured for IRQ 0
[    0.362328] ACPI: PCI: Interrupt link LNKC
configured for IRQ 0
[    0.362390] ACPI: PCI: Interrupt link LNKD
configured for IRQ 0
[    0.362446] ACPI: PCI: Interrupt link LNKE
configured for IRQ 0
[    0.362493] ACPI: PCI: Interrupt link LNKF
configured for IRQ 0
[    0.362540] ACPI: PCI: Interrupt link LNKG
configured for IRQ 0
```

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```
[    0.362587] ACPI: PCI: Interrupt link LNKH
configured for IRQ 0
[    0.364274] Low-power S0 idle used by default
for system suspend
[    0.364497] iommu: Default domain type:
Translated
[    0.364497] iommu: DMA domain TLB invalidation
policy: lazy mode
[    0.364920] SCSI subsystem initialized
[    0.364928] libata version 3.00 loaded.
[    0.364928] ACPI: bus type USB registered
[    0.364928] usbcore: registered new interface
driver usbfs
[    0.364928] usbcore: registered new interface
driver hub
[    0.364928] usbcore: registered new device
driver usb
[    0.373075] pps_core: LinuxPPS API ver. 1
registered
[    0.373077] pps_core: Software ver. 5.3.6 -
Copyright 2005-2007 Rodolfo Giometti
<giometti@linux.it>
[    0.373080] PTP clock support registered
[    0.373098] EDAC MC: Ver: 3.0.0
[    0.373098] efivars: Registered efivars
operations
[    0.373098] NetLabel: Initializing
[    0.373098] NetLabel:  domain hash size = 128
```

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```
[    0.373098] NetLabel:  protocols = UNLABELED
CIPSOv4 CALIPSO
[    0.373098] NetLabel:  unlabeled traffic
allowed by default
[    0.373098] mctp: management component
transport protocol core
[    0.373098] NET: Registered PF_MCTP protocol
family
[    0.373778] PCI: Using ACPI for IRQ routing
[    0.377288] PCI: pci_cache_line_size set to 64
bytes
[    0.377567] resource: Expanded resource
Reserved due to conflict with PCI Bus 0000:00
[    0.377569] e820: reserve RAM buffer [mem
0x09aff000-0x0bfffffff]
[    0.377571] e820: reserve RAM buffer [mem
0x0a200000-0x0bfffffff]
[    0.377572] e820: reserve RAM buffer [mem
0x897cd000-0x8bfffffff]
[    0.377573] e820: reserve RAM buffer [mem
0x8b6ab000-0x8bfffffff]
[    0.377574] e820: reserve RAM buffer [mem
0x8ee0b000-0x8fffffff]
[    0.377575] e820: reserve RAM buffer [mem
0x9bffb000-0x9bfffffff]
[    0.377576] e820: reserve RAM buffer [mem
0x85de80000-0x85fffffff]
[    0.377623] pci 0000:01:00.0: vgaarb: setting
as boot VGA device
```


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```
[    0.377623] pci 0000:01:00.0: vgaarb: bridge
control possible
[    0.377623] pci 0000:01:00.0: vgaarb: VGA
device added: decodes=io+mem,owns=none,locks=none
[    0.377623] pci 0000:05:00.0: vgaarb: bridge
control possible
[    0.377623] pci 0000:05:00.0: vgaarb: VGA
device added: decodes=io+mem,owns=none,locks=none
[    0.377623] vgaarb: loaded
[    0.377623] hpet0: at MMIO 0xfed00000, IRQs 2,
8, 0
[    0.377623] hpet0: 3 comparators, 32-bit
14.318180 MHz counter
[    0.379790] clocksource: Switched to
clocksource tsc-early
[    0.379905] VFS: Disk quotas dquot_6.6.0
[    0.379912] VFS: Dquot-cache hash table
entries: 512 (order 0, 4096 bytes)
[    0.380002] pnp: PnP ACPI init
[    0.380085] system 00:00: [mem
0xf0000000-0xf7ffffff] has been reserved
[    0.380153] system 00:01: [mem
0x838000000-0x857ffffff window] has been reserved
[    0.380506] system 00:03: [io 0x04d0-0x04d1]
has been reserved
[    0.380508] system 00:03: [io 0x040b] has
been reserved
[    0.380509] system 00:03: [io 0x04d6] has
been reserved
```

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```
[ 0.380511] system 00:03: [io 0x0c00-0x0c01]
has been reserved
[ 0.380512] system 00:03: [io 0x0c14] has
been reserved
[ 0.380514] system 00:03: [io 0x0c50-0x0c51]
has been reserved
[ 0.380515] system 00:03: [io 0x0c52] has
been reserved
[ 0.380517] system 00:03: [io 0x0c6c] has
been reserved
[ 0.380518] system 00:03: [io 0x0c6f] has
been reserved
[ 0.380520] system 00:03: [io 0x0cd8-0x0cdf]
has been reserved
[ 0.380521] system 00:03: [io 0x0800-0x089f]
has been reserved
[ 0.380523] system 00:03: [io 0x0b00-0x0b0f]
has been reserved
[ 0.380524] system 00:03: [io 0x0b20-0x0b3f]
has been reserved
[ 0.380526] system 00:03: [io 0x0900-0x090f]
has been reserved
[ 0.380527] system 00:03: [io 0x0910-0x091f]
has been reserved
[ 0.380529] system 00:03: [mem
0xfec00000-0xfec00fff] could not be reserved
[ 0.380530] system 00:03: [mem
0xfec01000-0xfec01fff] could not be reserved
```

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```
[    0.380532] system 00:03: [mem
0xfedc0000-0xfedc0fff] has been reserved
[    0.380534] system 00:03: [mem
0xfee00000-0xfee00fff] has been reserved
[    0.380535] system 00:03: [mem
0xfed80000-0xfed8ffff] could not be reserved
[    0.380537] system 00:03: [mem
0xfec10000-0xfec10fff] has been reserved
[    0.380538] system 00:03: [mem
0xff000000-0xffffffff] has been reserved
[    0.381514] pnp: PnP ACPI: found 5 devices
[    0.387530] clocksource: acpi_pm: mask:
0xffffffff max_cycles: 0xffffffff, max_idle_ns:
2085701024 ns
[    0.387577] NET: Registered PF_INET protocol
family
[    0.387709] IP idents hash table entries:
262144 (order: 9, 2097152 bytes, linear)
[    0.399253] tcp_listen_portaddr_hash hash
table entries: 16384 (order: 6, 262144 bytes,
linear)
[    0.399271] Table-perturb hash table entries:
65536 (order: 6, 262144 bytes, linear)
[    0.399300] TCP established hash table
entries: 262144 (order: 9, 2097152 bytes, linear)
[    0.399508] TCP bind hash table entries: 65536
(order: 9, 2097152 bytes, linear)
[    0.399570] TCP: Hash tables configured
(established 262144 bind 65536)
```

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```
[    0.399668] MPTCP token hash table entries:
32768 (order: 8, 786432 bytes, linear)
[    0.399743] UDP hash table entries: 16384
(order: 8, 1048576 bytes, linear)
[    0.399850] UDP-Lite hash table entries: 16384
(order: 8, 1048576 bytes, linear)
[    0.399933] NET: Registered PF_UNIX/PF_LOCAL
protocol family
[    0.399939] NET: Registered PF_XDP protocol
family
[    0.399954] pci 0000:00:01.1: PCI bridge to
[bus 01]
[    0.399957] pci 0000:00:01.1:    bridge window
[io  0xf000-0xffff]
[    0.399960] pci 0000:00:01.1:    bridge window
[mem 0xfb000000-0xfc0ffffff]
[    0.399963] pci 0000:00:01.1:    bridge window
[mem 0xfa00000000-0xfc01ffffffff 64bit pref]
[    0.399974] pci 0000:00:01.2: PCI bridge to
[bus 02]
[    0.399977] pci 0000:00:01.2:    bridge window
[mem 0xfc900000-0xfc9ffffff]
[    0.399988] pci 0000:00:01.6: PCI bridge to
[bus 03]
[    0.399990] pci 0000:00:01.6:    bridge window
[io  0xe000-0xffff]
[    0.399992] pci 0000:00:01.6:    bridge window
[mem 0xfc800000-0xfc8ffffff]
```

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```
[    0.400003] pci 0000:00:01.7: PCI bridge to
[bus 04]
[    0.400006] pci 0000:00:01.7:   bridge window
[mem 0xfc700000-0xfc7ffffff]
[    0.400018] pci 0000:00:08.1: PCI bridge to
[bus 05]
[    0.400024] pci 0000:00:08.1:   bridge window
[io  0xd000-0xdfff]
[    0.400026] pci 0000:00:08.1:   bridge window
[mem 0xfc200000-0xfc5ffffff]
[    0.400028] pci 0000:00:08.1:   bridge window
[mem 0xfc1000000-0xfc201ffffff 64bit pref]
[    0.400031] pci 0000:00:08.3: PCI bridge to
[bus 06]
[    0.400034] pci 0000:00:08.3:   bridge window
[mem 0xfc600000-0xfc6ffffff]
[    0.400038] pci_bus 0000:00: resource 4 [io
0x0000-0x03af window]
[    0.400040] pci_bus 0000:00: resource 5 [io
0x03e0-0x0cf7 window]
[    0.400041] pci_bus 0000:00: resource 6 [io
0x03b0-0x03df window]
[    0.400042] pci_bus 0000:00: resource 7 [io
0x0d00-0xffff window]
[    0.400044] pci_bus 0000:00: resource 8 [mem
0x000a0000-0x000dffffff window]
[    0.400045] pci_bus 0000:00: resource 9 [mem
0xa0000000-0xfcffffff window]
```

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```
[ 0.400047] pci_bus 0000:00: resource 10 [mem
0x860000000-0xfdfcffffff window]
[ 0.400048] pci_bus 0000:01: resource 0 [io
0xf000-0xffff]
[ 0.400050] pci_bus 0000:01: resource 1 [mem
0xfb000000-0xfc0ffffff]
[ 0.400051] pci_bus 0000:01: resource 2 [mem
0xfa0000000-0xfc01ffffff 64bit pref]
[ 0.400053] pci_bus 0000:02: resource 1 [mem
0xfc900000-0xfc9ffffff]
[ 0.400054] pci_bus 0000:03: resource 0 [io
0xe000-0xefff]
[ 0.400056] pci_bus 0000:03: resource 1 [mem
0xfc800000-0xfc8ffffff]
[ 0.400057] pci_bus 0000:04: resource 1 [mem
0xfc700000-0xfc7ffffff]
[ 0.400059] pci_bus 0000:05: resource 0 [io
0xd000-0xdfff]
[ 0.400060] pci_bus 0000:05: resource 1 [mem
0xfc200000-0xfc5ffffff]
[ 0.400061] pci_bus 0000:05: resource 2 [mem
0xfc1000000-0xfc201ffffff 64bit pref]
[ 0.400063] pci_bus 0000:06: resource 1 [mem
0xfc600000-0xfc6ffffff]
[ 0.400150] pci 0000:01:00.1: extending delay
after power-on from D3hot to 20 msec
[ 0.400175] pci 0000:01:00.1: D0 power state
depends on 0000:01:00.0
[ 0.400639] PCI: CLS 64 bytes, default 64
```

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```
[    0.400659] pci 0000:00:00.2: AMD-Vi: IOMMU
performance counters supported
[    0.400709] Trying to unpack rootfs image as
initramfs...
[    0.400721] pci 0000:00:01.0: Adding to iommu
group 0
[    0.400735] pci 0000:00:01.1: Adding to iommu
group 1
[    0.400749] pci 0000:00:01.2: Adding to iommu
group 2
[    0.400761] pci 0000:00:01.6: Adding to iommu
group 3
[    0.400778] pci 0000:00:01.7: Adding to iommu
group 4
[    0.400796] pci 0000:00:02.0: Adding to iommu
group 5
[    0.400815] pci 0000:00:03.0: Adding to iommu
group 6
[    0.400836] pci 0000:00:04.0: Adding to iommu
group 7
[    0.400860] pci 0000:00:08.0: Adding to iommu
group 8
[    0.400872] pci 0000:00:08.1: Adding to iommu
group 9
[    0.400885] pci 0000:00:08.3: Adding to iommu
group 10
[    0.400908] pci 0000:00:14.0: Adding to iommu
group 11
```

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```
[    0.400920] pci 0000:00:14.3: Adding to iommu
group 11
[    0.400976] pci 0000:00:18.0: Adding to iommu
group 12
[    0.400988] pci 0000:00:18.1: Adding to iommu
group 12
[    0.401001] pci 0000:00:18.2: Adding to iommu
group 12
[    0.401013] pci 0000:00:18.3: Adding to iommu
group 12
[    0.401027] pci 0000:00:18.4: Adding to iommu
group 12
[    0.401040] pci 0000:00:18.5: Adding to iommu
group 12
[    0.401052] pci 0000:00:18.6: Adding to iommu
group 12
[    0.401065] pci 0000:00:18.7: Adding to iommu
group 12
[    0.401089] pci 0000:01:00.0: Adding to iommu
group 13
[    0.401103] pci 0000:01:00.1: Adding to iommu
group 13
[    0.401116] pci 0000:02:00.0: Adding to iommu
group 14
[    0.401130] pci 0000:03:00.0: Adding to iommu
group 15
[    0.401143] pci 0000:04:00.0: Adding to iommu
group 16
```


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```
[    0.401173] pci 0000:05:00.0: Adding to iommu
group 17
[    0.401186] pci 0000:05:00.2: Adding to iommu
group 18
[    0.401200] pci 0000:05:00.3: Adding to iommu
group 19
[    0.401213] pci 0000:05:00.4: Adding to iommu
group 20
[    0.401226] pci 0000:05:00.5: Adding to iommu
group 21
[    0.401240] pci 0000:05:00.6: Adding to iommu
group 22
[    0.401252] pci 0000:06:00.0: Adding to iommu
group 23
[    0.404603] AMD-Vi: Extended features
(0x246577efa2254afa, 0x0): PPR NX GT [5] IA GA PC
GA_vAPIC
[    0.404612] AMD-Vi: Interrupt remapping
enabled
[    0.416971] AMD-Vi: Virtual APIC enabled
[    0.416976] PCI-DMA: Using software bounce
buffering for IO (SWIOTLB)
[    0.416977] software IO TLB: mapped [mem
0x000000008466d000-0x000000008866d000] (64MB)
[    0.417029] LVT offset 0 assigned for vector
0x400
[    0.417902] perf: AMD IBS detected
(0x00000bff)
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.417910] perf/amd_iommu: Detected AMD IOMMU
#0 (2 banks, 4 counters/bank).
[    0.423327] Initialise system trusted keyrings
[    0.423336] Key type blacklist registered
[    0.423374] workingset: timestamp_bits=36
max_order=23 bucket_order=0
[    0.423592] squashfs: version 4.0 (2009/01/31)
Phillip Lougher
[    0.423663] fuse: init (API version 7.44)
[    0.423734] integrity: Platform Keyring
initialized
[    0.423738] integrity: Machine keyring
initialized
[    0.430832] Key type asymmetric registered
[    0.430833] Asymmetric key parser 'x509'
registered
[    0.430849] Block layer SCSI generic (bsg)
driver version 0.4 loaded (major 242)
[    0.430894] io scheduler mq-deadline
registered
[    0.432343] ledtrig-cpu: registered to
indicate activity on CPUs
[    0.432459] pcieport 0000:00:01.1: PME:
Signaling with IRQ 30
[    0.432489] pcieport 0000:00:01.1: pciehp:
Slot #0 AttnBtn- PwrCtrl- MRL- AttnInd- PwrInd-
HotPlug+ Surpris
e+ Interlock- NoCompl+ IbPresDis- LLActRep+
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.432710] pcieport 0000:00:01.2: PME:
Signaling with IRQ 31
[    0.432870] pcieport 0000:00:01.6: PME:
Signaling with IRQ 32
[    0.433017] pcieport 0000:00:01.7: PME:
Signaling with IRQ 33
[    0.433158] pcieport 0000:00:08.1: PME:
Signaling with IRQ 34
[    0.433291] pcieport 0000:00:08.3: PME:
Signaling with IRQ 35
[    0.434078] ACPI: AC: AC Adapter [ADP0]
(on-line)
[    0.434130] input: Lid Switch as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0A08:00/device:1f/PNP0C0D:00/input/input0
[    0.434149] ACPI: button: Lid Switch [LID0]
[    0.434177] input: Power Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:00/input
/input1
[    0.434196] ACPI: button: Power Button [PWRB]
[    0.434223] input: Sleep Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0E:00/input
/input2
[    0.434244] ACPI: button: Sleep Button [SLPB]
[    0.434912] Monitor-Mwait will be used to
enter C-1 state
[    0.439281] Estimated ratio of average max
frequency by base frequency (times 1024): 1645
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.439586] thermal LNXTHERM:00: registered as
thermal_zone0
[    0.439588] ACPI: thermal: Thermal Zone [TZ01]
(71 C)
[    0.439780] Serial: 8250/16550 driver, 32
ports, IRQ sharing enabled
[    0.440923] ACPI: battery: Slot [BAT0]
(battery present)
[    0.441887] Linux agpgart interface v0.103
[    0.450827] tpm_crb MSFT0101:00: Disabling
hwrng
[    0.454599] loop: module loaded
[    0.454825] ACPI: bus type drm_connector
registered
[    0.455389] tun: Universal TUN/TAP device
driver, 1.6
[    0.455426] PPP generic driver version 2.4.2
[    0.455586] xhci_hcd 0000:05:00.3: xHCI Host
Controller
[    0.455591] xhci_hcd 0000:05:00.3: new USB bus
registered, assigned bus number 1
[    0.455960] xhci_hcd 0000:05:00.3: hcc params
0x0120ffc5 hci version 0x120 quirks
0x00000000200000010
[    0.456398] xhci_hcd 0000:05:00.3: xHCI Host
Controller
[    0.456401] xhci_hcd 0000:05:00.3: new USB bus
registered, assigned bus number 2
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.456404] xhci_hcd 0000:05:00.3: Host
supports USB 3.1 Enhanced SuperSpeed
[    0.456437] usb usb1: New USB device found,
idVendor=1d6b, idProduct=0002, bcdDevice= 6.17
[    0.456439] usb usb1: New USB device strings:
Mfr=3, Product=2, SerialNumber=1
[    0.456440] usb usb1: Product: xHCI Host
Controller
[    0.456442] usb usb1: Manufacturer: Linux
6.17.0-14-generic xhci-hcd
[    0.456443] usb usb1: SerialNumber:
0000:05:00.3
[    0.456531] hub 1-0:1.0: USB hub found
[    0.456537] hub 1-0:1.0: 2 ports detected
[    0.456679] usb usb2: We don't know the
algorithms for LPM for this host, disabling LPM.
[    0.456697] usb usb2: New USB device found,
idVendor=1d6b, idProduct=0003, bcdDevice= 6.17
[    0.456699] usb usb2: New USB device strings:
Mfr=3, Product=2, SerialNumber=1
[    0.456700] usb usb2: Product: xHCI Host
Controller
[    0.456702] usb usb2: Manufacturer: Linux
6.17.0-14-generic xhci-hcd
[    0.456703] usb usb2: SerialNumber:
0000:05:00.3
[    0.456776] hub 2-0:1.0: USB hub found
[    0.456782] hub 2-0:1.0: 2 ports detected
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.457174] xhci_hcd 0000:05:00.4: xHCI Host
Controller
[    0.457177] xhci_hcd 0000:05:00.4: new USB bus
registered, assigned bus number 3
[    0.457526] xhci_hcd 0000:05:00.4: hcc params
0x0120ffc5 hci version 0x120 quirks
0x00000000200000010
[    0.457969] xhci_hcd 0000:05:00.4: xHCI Host
Controller
[    0.457973] xhci_hcd 0000:05:00.4: new USB bus
registered, assigned bus number 4
[    0.457975] xhci_hcd 0000:05:00.4: Host
supports USB 3.1 Enhanced SuperSpeed
[    0.458000] usb usb3: New USB device found,
idVendor=1d6b, idProduct=0002, bcdDevice= 6.17
[    0.458002] usb usb3: New USB device strings:
Mfr=3, Product=2, SerialNumber=1
[    0.458004] usb usb3: Product: xHCI Host
Controller
[    0.458005] usb usb3: Manufacturer: Linux
6.17.0-14-generic xhci-hcd
[    0.458006] usb usb3: SerialNumber:
0000:05:00.4
[    0.458089] hub 3-0:1.0: USB hub found
[    0.458095] hub 3-0:1.0: 2 ports detected
[    0.458217] usb usb4: We don't know the
algorithms for LPM for this host, disabling LPM.
[    0.458235] usb usb4: New USB device found,
idVendor=1d6b, idProduct=0003, bcdDevice= 6.17
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.458237] usb usb4: New USB device strings:
Mfr=3, Product=2, SerialNumber=1
[    0.458238] usb usb4: Product: xHCI Host
Controller
[    0.458240] usb usb4: Manufacturer: Linux
6.17.0-14-generic xhci-hcd
[    0.458241] usb usb4: SerialNumber:
0000:05:00.4
[    0.458310] hub 4-0:1.0: USB hub found
[    0.458316] hub 4-0:1.0: 2 ports detected
[    0.458682] xhci_hcd 0000:06:00.0: xHCI Host
Controller
[    0.458685] xhci_hcd 0000:06:00.0: new USB bus
registered, assigned bus number 5
[    0.459951] xhci_hcd 0000:06:00.0: USB3 root
hub has no ports
[    0.459966] xhci_hcd 0000:06:00.0: hcc params
0x0110ffc5 hci version 0x120 quirks
0x00000000200000010
[    0.460209] usb usb5: New USB device found,
idVendor=1d6b, idProduct=0002, bcdDevice= 6.17
[    0.460211] usb usb5: New USB device strings:
Mfr=3, Product=2, SerialNumber=1
[    0.460212] usb usb5: Product: xHCI Host
Controller
[    0.460214] usb usb5: Manufacturer: Linux
6.17.0-14-generic xhci-hcd
[    0.460215] usb usb5: SerialNumber:
0000:06:00.0
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 0.460287] hub 5-0:1.0: USB hub found
[ 0.460299] hub 5-0:1.0: 1 port detected
[ 0.460838] i8042: PNP: PS/2 Controller
[PNP0303:PS2K] at 0x60,0x64 irq 1
[ 0.460841] i8042: PNP: PS/2 appears to have
AUX port disabled, if this is incorrect please
boot with i8042
.nopnp
[ 0.462527] serio: i8042 KBD port at 0x60,0x64
irq 1
[ 0.462613] mousedev: PS/2 mouse device common
for all mice
[ 0.462738] rtc_cmos 00:02: RTC can wake from
S4
[ 0.462934] rtc_cmos 00:02: registered as rtc0
[ 0.462968] rtc_cmos 00:02: setting system
clock to 2026-04-28T16:59:45 UTC (1777395585)
[ 0.463010] rtc_cmos 00:02: alarms up to one
month, y3k, 114 bytes nvram
[ 0.463017] i2c_dev: i2c /dev entries driver
[ 0.463101] device-mapper: core:
CONFIG_IMA_DISABLE_HTABLE is disabled. Duplicate
IMA measurements will not
be recorded in the IMA log.
[ 0.463111] device-mapper: uevent: version
1.0.3
[ 0.463149] device-mapper: ioctl: 4.50.0-ioctl
(2025-04-28) initialised:
dm-devel@lists.linux.dev
```


EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.464679] input: AT Translated Set 2
keyboard as
/devices/platform/i8042/serio0/input/input3
[    0.465004] simple-framebuffer
simple-framebuffer.0: [drm] Registered 1 planes
with drm panic
[    0.465007] [drm] Initialized simpledrm 1.0.0
for simple-framebuffer.0 on minor 0
[    0.466681] fbcon: Deferring console take-over
[    0.466683] simple-framebuffer
simple-framebuffer.0: [drm] fb0: simpledrmdrmfb
frame buffer device
[    0.466787] drop_monitor: Initializing network
drop monitor service
[    0.466883] NET: Registered PF_INET6 protocol
family
[    0.467211] Segment Routing with IPv6
[    0.467219] In-situ OAM (IOAM) with IPv6
[    0.467237] NET: Registered PF_PACKET protocol
family
[    0.467302] Key type dns_resolver registered
[    0.469746] microcode: Current revision:
0x0a601209
[    0.469748] microcode: Updated early from:
0x0a601209
[    0.470286] resctrl: L3 allocation detected
[    0.470287] resctrl: MB allocation detected
[    0.470288] resctrl: SMBA allocation detected
[    0.470289] resctrl: L3 monitoring detected
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 0.470316] IPI shorthand broadcast: enabled
[ 0.472383] sched_clock: Marking stable
(470633641, 1429468)->(505512252, -33449143)
[ 0.472602] registered taskstats version 1
[ 0.474035] Loading compiled-in X.509
certificates
[ 0.474367] Loaded X.509 cert 'Build time
autogenerated kernel key:
d72394e2a08fc3e034a2f29267b2b0ada991d1f
b'
[ 0.474630] Loaded X.509 cert 'Canonical Ltd.
Live Patch Signing 2025 Kmod:
d541cef61dc7e793b7eb7e899970a2e
ef0b5dc8c'
[ 0.474902] Loaded X.509 cert 'Canonical Ltd.
Live Patch Signing:
14df34d1a87cf37625abec039ef2bf521249b969'
[ 0.475164] Loaded X.509 cert 'Canonical Ltd.
Kernel Module Signing:
88f752e560a1e0737e31163a466ad7b70a850c
19'
[ 0.475166] blacklist: Loading compiled-in
revocation X.509 certificates
[ 0.475178] Loaded X.509 cert 'Canonical Ltd.
Secure Boot Signing:
61482aa2830d0ab2ad5af10b7250da9033ddcef0
'
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 0.475185] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (2017):  
242ade75ac4a15e50d50c84b0d45ff3ea  
e707a03'  
[ 0.475192] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (ESM 2018):  
365188c1d374d6b07c3c8f240f8ef  
722433d6a8b'  
[ 0.475199] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (2019):  
c0746fd6c5da3ae827864651ad66ae47f  
e24b3e8'  
[ 0.475206] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (2021 v1):  
a8d54bbb3825cfb94fa13c9f8a594a  
195c107b8d'  
[ 0.475213] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (2021 v2):  
4cf046892d6fd3c9a5b03f98d845f9  
0851dc6a8c'  
[ 0.475220] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (2021 v3):  
100437bb6de6e469b581e61cd66bce  
3ef4ed53af'  
[ 0.475227] Loaded X.509 cert 'Canonical Ltd.  
Secure Boot Signing (Ubuntu Core 2019):  
c1d57b8f6b743f23ee41f  
4f7ee292f06eecadfb9'  
[ 0.480207] Demotion targets for Node 0: null
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.480308] Key type .fscrypt registered
[    0.480309] Key type fscrypt-provisioning
registered
[    0.480373] Key type big_key registered
[    0.480378] Key type trusted registered
[    0.494052] Freeing initrd memory: 82732K
[    0.503637] Key type encrypted registered
[    0.503703] Loading compiled-in module X.509
certificates
[    0.503993] Loaded X.509 cert 'Build time
autogenerated kernel key:
d72394e2a08fc3e034a2f29267b2b0ada991d1f
b'
[    0.503995] ima: Allocated hash algorithm:
sha256
[    0.525880] ima: No architecture policies
found
[    0.525892] evm: Initialising EVM extended
attributes:
[    0.525894] evm: security.selinux
[    0.525895] evm: security.SMACK64
[    0.525896] evm: security.SMACK64EXEC
[    0.525897] evm: security.SMACK64TRANSMUTE
[    0.525898] evm: security.SMACK64MMAP
[    0.525898] evm: security.apparmor
[    0.525899] evm: security.ima
[    0.525900] evm: security.capability
[    0.525901] evm: HMAC attrs: 0x1
[    0.526143] PM:   Magic number: 6:233:996
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.526149] machinecheck machinecheck9: hash
matches
[    0.526244] memory memory39: hash matches
[    0.528254] RAS: Correctable Errors collector
initialized.
[    0.537370] clk: Disabling unused clocks
[    0.537372] PM: genpd: Disabling unused power
domains
[    0.538436] Freeing unused decrypted memory:
2028K
[    0.539076] Freeing unused kernel image
(initmem) memory: 5264K
[    0.539089] Write protecting the kernel
read-only data: 38912k
[    0.539355] Freeing unused kernel image
(text/rodata gap) memory: 316K
[    0.539410] Freeing unused kernel image
(rodata/data gap) memory: 96K
[    0.576698] x86/mm: Checked W+X mappings:
passed, no W+X pages found.
[    0.576704] Run /init as init process
[    0.576705]     with arguments:
[    0.576706]         /init
[    0.576707]         splash
[    0.576708]         ---
[    0.576709]     with environment:
[    0.576710]         HOME=/
[    0.576711]         TERM=linux
[    0.576712]         boot=casper
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.674672] hid: raw HID events driver (C)
Jiri Kosina
[    0.675592] ACPI: video: Video Device [VGA]
(multi-head: yes  rom: no  post: no)
[    0.675729] Key type psk registered
[    0.675951] input: Video Bus as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0A08:00/device:06/LNXVIDEO:00/input/input4
[    0.676013] ACPI: video: [Firmware Bug]:
ACPI(PEGP) defines _DOD but not _DOS
[    0.676036] ACPI: video: Video Device [PEGP]
(multi-head: yes  rom: yes  post: no)
[    0.676194] input: Video Bus as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0A08:00/device:25/LNXVIDEO:01/input/input5
[    0.682734] ACPI: bus type thunderbolt
registered
[    0.690184] r8169 0000:03:00.0 eth0:
RTL8168h/8111h, 10:7c:61:ba:2d:bc, XID 541, IRQ
66
[    0.690187] r8169 0000:03:00.0 eth0: jumbo
features [frames: 9194 bytes, tx checksumming:
ko]
[    0.698648] usb 3-1: new high-speed USB device
number 2 using xhci_hcd
[    0.698839] usb 5-1: new full-speed USB device
number 2 using xhci_hcd
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 0.822949] r8169 0000:03:00.0 enp3s0: renamed
from eth0
[ 0.823489] input: ITE5570:00 0B05:19B6
Wireless Radio Control as
/devices/platform/AMDI0010:03/i2c-2/i2c-I
TE5570:00/0018:0B05:19B6.0001/input/input6
[ 0.823548] hid-generic 0018:0B05:19B6.0001:
input,hidraw0: I2C HID v1.00 Device [ITE5570:00
0B05:19B6] on
i2c-ITE5570:00
[ 0.823685] input: ASUF1204:00 2808:0202 Mouse
as
/devices/platform/AMDI0010:00/i2c-0/i2c-ASUF1204:
00/0018:
2808:0202.0002/input/input7
[ 0.823759] input: ASUF1204:00 2808:0202
Touchpad as
/devices/platform/AMDI0010:00/i2c-0/i2c-ASUF1204:
00/00
18:2808:0202.0002/input/input8
[ 0.823843] hid-generic 0018:2808:0202.0002:
input,hidraw1: I2C HID v1.00 Mouse [ASUF1204:00
2808:0202] on
i2c-ASUF1204:00
[ 0.824280] nvme 0000:02:00.0: platform quirk:
setting simple suspend
[ 0.824341] nvme nvme0: pci function
0000:02:00.0
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 0.825389] usb 3-1: New USB device found,
idVendor=214b, idProduct=7250, bcdDevice= 1.00
[ 0.825393] usb 3-1: New USB device strings:
Mfr=0, Product=1, SerialNumber=0
[ 0.825396] usb 3-1: Product: USB2.0 HUB
[ 0.845163] usb 5-1: New USB device found,
idVendor=8087, idProduct=0a2b, bcdDevice= 0.01
[ 0.845166] usb 5-1: New USB device strings:
Mfr=0, Product=0, SerialNumber=0
[ 0.864125] input: ASUS1204:00 2808:0202 Mouse
as
/devices/platform/AMDI0010:00/i2c-0/i2c-ASUF1204:
00/0018:
2808:0202.0002/input/input11
[ 0.864191] input: ASUS1204:00 2808:0202
Touchpad as
/devices/platform/AMDI0010:00/i2c-0/i2c-ASUF1204:
00/00
18:2808:0202.0002/input/input12
[ 0.864260] hid-multitouch
0018:2808:0202.0002: input,hidraw1: I2C HID v1.00
Mouse [ASUF1204:00 2808:0202]
on i2c-ASUF1204:00
[ 0.874182] hub 3-1:1.0: USB hub found
[ 0.874520] hub 3-1:1.0: 4 ports detected
[ 0.900759] nvme nvme0: 32/0/0
default/read/poll queues
[ 0.906323] nvme nvme0: Ignoring bogus
Namespace Identifiers
```


EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[    0.908129] nvme0n1: p1 p2
[    0.938063] usb 4-2: new SuperSpeed Plus Gen
2x1 USB device number 2 using xhci_hcd
[    0.953666] usb 4-2: New USB device found,
idVendor=05e3, idProduct=0625, bcdDevice= 6.17
[    0.953668] usb 4-2: New USB device strings:
Mfr=1, Product=2, SerialNumber=0
[    0.953670] usb 4-2: Product: USB3.1 Hub
[    0.953671] usb 4-2: Manufacturer:
GenesysLogic
[    0.986231] hub 4-2:1.0: USB hub found
[    0.986550] hub 4-2:1.0: 4 ports detected
[    1.063754] usb 3-2: new high-speed USB device
number 3 using xhci_hcd
[    1.193811] usb 3-2: New USB device found,
idVendor=05e3, idProduct=0610, bcdDevice= 6.17
[    1.193816] usb 3-2: New USB device strings:
Mfr=1, Product=2, SerialNumber=0
[    1.193818] usb 3-2: Product: USB2.1 Hub
[    1.193820] usb 3-2: Manufacturer:
GenesysLogic
[    1.252725] usb 3-1.1: new high-speed USB
device number 4 using xhci_hcd
[    1.258927] hub 3-2:1.0: USB hub found
[    1.259735] hub 3-2:1.0: 4 ports detected
[    1.335183] usb 3-1.1: New USB device found,
idVendor=214b, idProduct=7250, bcdDevice= 1.00
[    1.335189] usb 3-1.1: New USB device strings:
Mfr=0, Product=1, SerialNumber=0
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1.335191] usb 3-1.1: Product: USB2.0 HUB
[ 1.386551] hub 3-1.1:1.0: USB hub found
[ 1.387533] hub 3-1.1:1.0: 4 ports detected
[ 1.425717] tsc: Refined TSC clocksource
calibration: 2395.506 MHz
[ 1.425734] clocksource: tsc: mask:
0xffffffffffffffff max_cycles: 0x2287a21bcec,
max_idle_ns: 440795241626
ns
[ 1.425852] clocksource: Switched to
clocksource tsc
[ 1.452491] usb 3-1.4: new low-speed USB
device number 5 using xhci_hcd
[ 1.545249] usb 3-1.4: New USB device found,
idVendor=413c, idProduct=2106, bcdDevice= 1.01
[ 1.545258] usb 3-1.4: New USB device strings:
Mfr=1, Product=2, SerialNumber=0
[ 1.545261] usb 3-1.4: Product: Dell QuietKey
Keyboard
[ 1.545263] usb 3-1.4: Manufacturer: DELL
[ 1.590320] input: DELL Dell QuietKey Keyboard
as
/devices/pci0000:00/0000:00:08.1/0000:05:00.4/usb
3/3-1/3-
1.4/3-1.4:1.0/0003:413C:2106.0003/input/input15
[ 1.640884] hid-generic 0003:413C:2106.0003:
input,hidraw2: USB HID v1.10 Keyboard [DELL Dell
QuietKey Keyb
oard] on usb-0000:05:00.4-1.4/input0
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1.640935] usbcore: registered new interface
driver usbhid
[ 1.640937] usbhid: USB HID core driver
[ 1.657439] usb 3-1.1.1: new high-speed USB
device number 6 using xhci_hcd
[ 1.737444] usb 3-1.1.1: New USB device found,
idVendor=1221, idProduct=3234, bcdDevice= 0.00
[ 1.737475] usb 3-1.1.1: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 1.737481] usb 3-1.1.1: SerialNumber:
3727114765431B1231354
[ 1.745286] usb-storage 3-1.1.1:1.0: USB Mass
Storage device detected
[ 1.745435] scsi host0: usb-storage
3-1.1.1:1.0
[ 1.745574] usbcore: registered new interface
driver usb-storage
[ 1.746909] usbcore: registered new interface
driver uas
[ 1.805442] usb 3-1.1.2: new high-speed USB
device number 7 using xhci_hcd
[ 1.906439] usb 3-1.1.2: New USB device found,
idVendor=154b, idProduct=1006, bcdDevice= 1.10
[ 1.906490] usb 3-1.1.2: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 1.906500] usb 3-1.1.2: Product: USB 3.2.1 FD
[ 1.906510] usb 3-1.1.2: Manufacturer: PNY
[ 1.906514] usb 3-1.1.2: SerialNumber:
071C4987D2A3E191
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1.907474] usb-storage 3-1.1.2:1.0: USB Mass
Storage device detected
[ 1.907679] scsi host1: usb-storage
3-1.1.2:1.0
[ 1.970564] usb 3-1.1.3: new high-speed USB
device number 8 using xhci_hcd
[ 2.053311] usb 3-1.1.3: New USB device found,
idVendor=6557, idProduct=2033, bcdDevice= 2.00
[ 2.053317] usb 3-1.1.3: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 2.053319] usb 3-1.1.3: Product: Flash Disk
[ 2.053321] usb 3-1.1.3: Manufacturer: USB
[ 2.053323] usb 3-1.1.3: SerialNumber:
FC056E682BBDD
[ 2.053966] usb-storage 3-1.1.3:1.0: USB Mass
Storage device detected
[ 2.054216] scsi host2: usb-storage
3-1.1.3:1.0
[ 2.116728] usb 3-1.1.4: new high-speed USB
device number 9 using xhci_hcd
[ 2.196218] usb 3-1.1.4: New USB device found,
idVendor=0bda, idProduct=1a2b, bcdDevice= 0.00
[ 2.196225] usb 3-1.1.4: New USB device
strings: Mfr=1, Product=2, SerialNumber=0
[ 2.196228] usb 3-1.1.4: Product: DISK
[ 2.196231] usb 3-1.1.4: Manufacturer: Realtek
[ 2.196733] usb-storage 3-1.1.4:1.0: USB Mass
Storage device detected
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 2.196892] usb-storage 3-1.1.4:1.0: device
ignored
[ 2.770934] scsi 0:0:0:0: Direct-Access
Flash      USB Disk          2.F0 PQ: 0 ANSI: 2
[ 2.771196] sd 0:0:0:0: Attached scsi generic
sg0 type 0
[ 2.771920] sd 0:0:0:0: [sda] 3891200 512-byte
logical blocks: (1.99 GB/1.86 GiB)
[ 2.772061] sd 0:0:0:0: [sda] Write Protect is
off
[ 2.772065] sd 0:0:0:0: [sda] Mode Sense: 0b
00 00 08
[ 2.772203] sd 0:0:0:0: [sda] No Caching mode
page found
[ 2.772207] sd 0:0:0:0: [sda] Assuming drive
cache: write through
[ 2.809292] sda: sda1
[ 2.809358] sd 0:0:0:0: [sda] Attached SCSI
removable disk
[ 2.968100] scsi 1:0:0:0: Direct-Access
PNY        USB 3.2.1 FD      PMAP PQ: 0 ANSI: 6
[ 2.969279] sd 1:0:0:0: Attached scsi generic
sg1 type 0
[ 3.090262] scsi 2:0:0:0: Direct-Access
USB        Flash Disk       3.00 PQ: 0 ANSI: 4
[ 3.090534] sd 2:0:0:0: Attached scsi generic
sg2 type 0
[ 3.091247] sd 2:0:0:0: [sdc] 243472384
512-byte logical blocks: (125 GB/116 GiB)
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 3.091390] sd 2:0:0:0: [sd] Write Protect is
off
[ 3.091394] sd 2:0:0:0: [sd] Mode Sense: 03
00 00 00
[ 3.091528] sd 2:0:0:0: [sd] No Caching mode
page found
[ 3.091531] sd 2:0:0:0: [sd] Assuming drive
cache: write through
[ 3.134261] sdc: sdc1
[ 3.134323] sd 2:0:0:0: [sd] Attached SCSI
removable disk
[ 3.144278] sd 1:0:0:0: [sdb] 121145344
512-byte logical blocks: (62.0 GB/57.8 GiB)
[ 3.145184] sd 1:0:0:0: [sdb] Write Protect is
off
[ 3.145188] sd 1:0:0:0: [sdb] Mode Sense: 45
00 00 00
[ 3.145865] sd 1:0:0:0: [sdb] Write cache:
disabled, read cache: enabled, doesn't support
DPO or FUA
[ 3.186682] sdb: sdb1 sdb2 sdb3
[ 3.186832] sd 1:0:0:0: [sdb] Attached SCSI
removable disk
[ 4.619976] ISO 9660 Extensions: Microsoft
Joliet Level 3
[ 4.620425] ISO 9660 Extensions: RRIP_1991A
[ 4.642667] ISO 9660 Extensions: Microsoft
Joliet Level 3
[ 4.643119] ISO 9660 Extensions: RRIP_1991A
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 4.657016] loop0: detected capacity change
from 0 to 5733544
[ 4.674494] overlayfs: null uuid detected in
lower fs '/', falling back to
xino=off,index=off,nfs_export=of
f.
[ 4.814548] evm: overlay not supported
[ 7.079274] systemd[1]: Inserted module
'autofs4'
[ 7.118153] systemd[1]: systemd
255.4-1ubuntu8.12 running in system mode (+PAM
+AUDIT +SELINUX +APPARMOR +I
MA +SMACK +SECCOMP +GCRYPT -GNUTLS +OPENSSL +ACL
+BLKID +CURL +ELFUTILS +FIDO2 +IDN2 -IDN +IPTC
+KMOD +LIBCRYP
TSETUP +LIBFDISK +PCRE2 -PWQUALITY +P11KIT
+QRENCODE +TPM2 +BZIP2 +LZ4 +XZ +ZLIB +ZSTD
-BPF_FRAMEWORK -XKBCOMM
ON +UTMP +SYSVINIT default-hierarchy=unified)
[ 7.118158] systemd[1]: Detected architecture
x86-64.
[ 7.120231] systemd[1]: Hostname set to
<neon>.
[ 7.120381] systemd[1]: Initializing machine
ID from random generator.
[ 7.831520] systemd[1]: Queued start job for
default target graphical.target.
[ 7.854132] systemd[1]: Created slice
system-modprobe.slice - Slice /system/modprobe.
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.854322] systemd[1]: Created slice
user.slice - User and Session Slice.
[ 7.854363] systemd[1]: Started
systemd-ask-password-wall.path - Forward Password
Requests to Wall Director
y Watch.
[ 7.854474] systemd[1]: Set up automount
proc-sys-fs-binfmt_misc.automount - Arbitrary
Executable File Form
ats File System Automount Point.
[ 7.854487] systemd[1]: Reached target
integritysetup.target - Local Integrity Protected
Volumes.
[ 7.854500] systemd[1]: Reached target
remote-fs.target - Remote File Systems.
[ 7.854505] systemd[1]: Reached target
slices.target - Slice Units.
[ 7.854510] systemd[1]: Reached target
snapd.mounts-pre.target - Mounting snaps.
[ 7.854516] systemd[1]: Reached target
snapd.mounts.target - Mounted snaps.
[ 7.854522] systemd[1]: Reached target
swap.target - Swaps.
[ 7.854531] systemd[1]: Reached target
veritysetup.target - Local Verity Protected
Volumes.
[ 7.854571] systemd[1]: Listening on
dm-event.socket - Device-mapper event daemon
FIFOs.
```


EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.854929] systemd[1]: Listening on
lvm2-lvmpolld.socket - LVM2 poll daemon socket.
[ 7.855014] systemd[1]: Listening on
syslog.socket - Syslog Socket.
[ 7.856540] systemd[1]: Listening on
systemd-coredump.socket - Process Core Dump
Socket.
[ 7.856578] systemd[1]: Listening on
systemd-initctl.socket - initctl Compatibility
Named Pipe.
[ 7.856639] systemd[1]: Listening on
systemd-journald-dev-log.socket - Journal Socket
(/dev/log).
[ 7.856699] systemd[1]: Listening on
systemd-journald.socket - Journal Socket.
[ 7.856740] systemd[1]:
systemd-pcrextend.socket - TPM2 PCR Extension
(Varlink) was skipped because of an u
nmet condition check
(ConditionSecurity=measured-uki).
[ 7.859590] systemd[1]: Listening on
systemd-udev-control.socket - udev Control
Socket.
[ 7.860270] systemd[1]: Listening on
systemd-udev-kernel.socket - udev Kernel Socket.
[ 7.865874] systemd[1]: Mounting
dev-hugepages.mount - Huge Pages File System...
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.866471] systemd[1]: Mounting
dev-mqueue.mount - POSIX Message Queue File
System...
[ 7.867081] systemd[1]: Mounting
sys-kernel-debug.mount - Kernel Debug File
System...
[ 7.867503] systemd[1]: Mounting
sys-kernel-tracing.mount - Kernel Trace File
System...
[ 7.868880] systemd[1]: Starting
systemd-journald.service - Journal Service...
[ 7.868936] systemd[1]: Finished
blk-availability.service - Availability of block
devices.
[ 7.869467] systemd[1]: Starting
keyboard-setup.service - Set the console keyboard
layout...
[ 7.871255] systemd[1]: Starting
kmod-static-nodes.service - Create List of Static
Device Nodes...
[ 7.871860] systemd[1]: Starting
lvm2-monitor.service - Monitoring of LVM2
mirrors, snapshots etc. using dm
eventd or progress polling...
[ 7.872389] systemd[1]: Starting
modprobe@configfs.service - Load Kernel Module
configfs...
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.872911] systemd[1]: Starting
modprobe@dm_mod.service - Load Kernel Module
dm_mod...
[ 7.873686] systemd[1]: Starting
modprobe@drm.service - Load Kernel Module drm...
[ 7.874239] systemd[1]: Starting
modprobe@efi_pstore.service - Load Kernel Module
efi_pstore...
[ 7.874853] systemd[1]: Starting
modprobe@fuse.service - Load Kernel Module
fuse...
[ 7.875579] systemd[1]: Starting
modprobe@loop.service - Load Kernel Module
loop...
[ 7.894140] pstore: Using crash dump
compression: deflate
[ 7.894744] systemd[1]: Starting
systemd-modules-load.service - Load Kernel
Modules...
[ 7.894756] systemd[1]:
systemd-pcrmachine.service - TPM2 PCR Machine ID
Measurement was skipped because of
an unmet condition check
(ConditionSecurity=measured-uki).
[ 7.895329] systemd[1]: Starting
systemd-remount-fs.service - Remount Root and
Kernel File Systems...
[ 7.895349] pstore: Registered efi_pstore as
persistent store backend
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.895357] systemd[1]:  
systemd-tpm2-setup-early.service - TPM2 SRK Setup  
(Early) was skipped because of an  
unmet condition check  
(ConditionSecurity=measured-uki).  
[ 7.895795] systemd[1]: Starting  
systemd-udev-trigger.service - Coldplug All udev  
Devices...  
[ 7.896835] systemd[1]: Mounted  
dev-hugepages.mount - Huge Pages File System.  
[ 7.896896] systemd[1]: Mounted  
dev-mqueue.mount - POSIX Message Queue File  
System.  
[ 7.896945] systemd[1]: Mounted  
sys-kernel-debug.mount - Kernel Debug File  
System.  
[ 7.896991] systemd[1]: Mounted  
sys-kernel-tracing.mount - Kernel Trace File  
System.  
[ 7.897116] systemd[1]: Finished  
kmod-static-nodes.service - Create List of Static  
Device Nodes.  
[ 7.897270] systemd[1]:  
modprobe@configfs.service: Deactivated  
successfully.  
[ 7.897360] systemd[1]: Finished  
modprobe@configfs.service - Load Kernel Module  
configfs.
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.897515] systemd[1]:  
modprobe@dm_mod.service: Deactivated  
successfully.  
[ 7.897605] systemd[1]: Finished  
modprobe@dm_mod.service - Load Kernel Module  
dm_mod.  
[ 7.897748] systemd[1]: modprobe@drm.service:  
Deactivated successfully.  
[ 7.897844] systemd[1]: Finished  
modprobe@drm.service - Load Kernel Module drm.  
[ 7.897984] systemd[1]:  
modprobe@efi_pstore.service: Deactivated  
successfully.  
[ 7.898069] systemd[1]: Finished  
modprobe@efi_pstore.service - Load Kernel Module  
efi_pstore.  
[ 7.898207] systemd[1]: modprobe@fuse.service:  
Deactivated successfully.  
[ 7.898296] systemd[1]: Finished  
modprobe@fuse.service - Load Kernel Module fuse.  
[ 7.898447] systemd[1]: modprobe@loop.service:  
Deactivated successfully.  
[ 7.898535] systemd[1]: Finished  
modprobe@loop.service - Load Kernel Module loop.  
[ 7.899082] systemd[1]: Mounting  
sys-fs-fuse-connections.mount - FUSE Control File  
System...
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 7.899521] systemd[1]: Mounting
sys-kernel-config.mount - Kernel Configuration
File System...
[ 7.910519] systemd[1]: systemd-repart.service
- Repartition Root Disk was skipped because no
trigger condition checks were met.
[ 7.912071] systemd[1]: Starting
systemd-tmpfiles-setup-dev-early.service - Create
Static Device Nodes in /
dev gracefully...
[ 7.912559] systemd[1]: Mounted
sys-fs-fuse-connections.mount - FUSE Control File
System.
[ 7.912618] systemd[1]: Mounted
sys-kernel-config.mount - Kernel Configuration
File System.
[ 7.912810] systemd-journald[1187]: Collecting
audit messages is disabled.
[ 7.914943] systemd[1]: Finished
systemd-remount-fs.service - Remount Root and
Kernel File Systems.
[ 7.938490] systemd[1]:
systemd-hwdb-update.service - Rebuild Hardware
Database was skipped because no trigger
condition checks were met.
[ 7.938513] systemd[1]: systemd-pstore.service
- Platform Persistent Storage Archival was
skipped because o
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
f an unmet condition check
(ConditionDirectoryNotEmpty=/sys/fs/pstore).
[ 7.939064] systemd[1]: Starting
systemd-random-seed.service - Load/Save OS Random
Seed...
[ 7.939075] systemd[1]:
systemd-tpm2-setup.service - TPM2 SRK Setup was
skipped because of an unmet conditi
on check (ConditionSecurity=measured-uki).
[ 7.952569] systemd[1]: Started
systemd-journald.service - Journal Service.
[ 7.983534] lp: driver loaded but no devices
found
[ 7.997919] ppdev: user-space parallel port
driver
[ 7.999388] systemd-journald[1187]: Received
client request to flush runtime journal.
[ 8.301588] RAPL PMU: API unit is 2^-32
Joules, 2 fixed counters, 163840 ms ovfl timer
[ 8.301591] RAPL PMU: hw unit of domain
package 2^-16 Joules
[ 8.301592] RAPL PMU: hw unit of domain core
2^-16 Joules
[ 8.324821] MCE: In-kernel MCE decoding
enabled.
[ 8.350924] ccp 0000:05:00.2: enabling device
(0000 -> 0002)
[ 8.352291] ccp 0000:05:00.2: tee enabled
[ 8.352508] ccp 0000:05:00.2: psp enabled
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 8.428729] cfg80211: Loading compiled-in
X.509 certificates for regulatory database
[ 8.428905] Loaded X.509 cert 'sforshee:
00b28ddf47aef9cea7'
[ 8.429020] Loaded X.509 cert 'wens:
61c038651aabdcf94bd0ac7ff06c7248db18c600'
[ 8.445022] asus_wmi: ASUS WMI generic driver
loaded
[ 8.447178] intel_rapl_common: Found RAPL
domain package
[ 8.447181] intel_rapl_common: Found RAPL
domain core
[ 8.451795] piix4_smbus 0000:00:14.0: SMBus
Host Controller at 0xb00, revision 0
[ 8.451798] piix4_smbus 0000:00:14.0: Using
register 0x02 for SMBus port selection
[ 8.452984] i2c i2c-3: Successfully
instantiated SPD at 0x51
[ 8.453075] piix4_smbus 0000:00:14.0:
Auxiliary SMBus Host Controller at 0xb20
[ 8.453471] i2c i2c-5: Successfully
instantiated SPD at 0x50
[ 8.463120] asus_wmi: Initialization: 0x1
[ 8.463252] asus_wmi: SFUN value: 0x21
[ 8.463254] asus-nb-wmi asus-nb-wmi: Detected
ATK, not ASUSWMI, use DSTS
[ 8.474005] asus-nb-wmi asus-nb-wmi: Using
throttle_thermal_policy for platform_profile
support
```


EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 8.487492] input: Asus WMI hotkeys as
/devices/platform/asus-nb-wmi/input/input16
[ 8.506493] asus_wmi:
fan_curve_get_factory_default (0x00110032)
failed: -19
[ 8.508495] asus_wmi: using asus-wmi for
asus::kbd_backlight
[ 8.522453] ACPI: battery: new hook: ASUS
Battery Extension
[ 8.526972] amd_atl: AMD Address Translation
Library initialized
[ 8.539997] Bluetooth: Core ver 2.22
[ 8.540012] NET: Registered PF_BLUETOOTH
protocol family
[ 8.540014] Bluetooth: HCI device and
connection manager initialized
[ 8.540019] Bluetooth: HCI socket layer
initialized
[ 8.540021] Bluetooth: L2CAP socket layer
initialized
[ 8.540024] Bluetooth: SCO socket layer
initialized
[ 8.544493] spd5118 3-0051: DDR5 temperature
sensor: vendor 0x06:0x32 revision 1.6
[ 8.587791] usbcore: registered new interface
driver btusb
[ 8.591201] Bluetooth: hci0: Bootloader
revision 0.0 build 2 week 52 2014
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 8.597067] iwlwifi 0000:04:00.0: enabling
device (0000 -> 0002)
[ 8.599070] iwlwifi 0000:04:00.0: Detected
crf-id 0xbadcafe, cnv-id 0x30000000 wfpm id
0x80000000
[ 8.599221] iwlwifi 0000:04:00.0: PCI dev
24f3/0110, rev=0x201, rfid=0xd5555d5
[ 8.599223] iwlwifi 0000:04:00.0: Detected
Intel(R) Dual Band Wireless-AC 8260
[ 8.600204] Bluetooth: hci0: Device revision
is 5
[ 8.600207] Bluetooth: hci0: Secure boot is
enabled
[ 8.600208] Bluetooth: hci0: OTP lock is
enabled
[ 8.600209] Bluetooth: hci0: API lock is
enabled
[ 8.600210] Bluetooth: hci0: Debug lock is
disabled
[ 8.600211] Bluetooth: hci0: Minimum firmware
build 1 week 10 2014
[ 8.705364] Bluetooth: hci0: Found device
firmware: intel/ibt-11-5.sfi
[ 8.706414] iwlwifi 0000:04:00.0: loaded
firmware version 36.ca7b901d.0 8000C-36.ucode
op_mode iwlmvm
[ 8.985993] pci 0000:01:00.0: optimus
capabilities: enabled, status dynamic power, hda
bios codec supported
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 8.986056] VGA switcheroo: detected Optimus
DSM method \_SB_.PCI0.GPP0.PEGP handle
[ 8.986058] nouveau: detected PR support, will
not use DSM
[ 8.987496] nouveau 0000:01:00.0: NVIDIA AD107
(197000a1)
[ 9.133830] iwlwifi 0000:04:00.0: BIOS
contains WGDS but no WRDS
[ 9.154807] snd_hda_intel 0000:01:00.1:
enabling device (0000 -> 0002)
[ 9.154893] snd_hda_intel 0000:01:00.1:
Disabling MSI
[ 9.154899] snd_hda_intel 0000:01:00.1: Handle
vga_switcheroo audio client
[ 9.154989] snd_hda_intel 0000:05:00.6:
enabling device (0000 -> 0002)
[ 9.212262] iwlwifi 0000:04:00.0: base HW
address: 34:f3:9a:36:f5:65, OTP minor version:
0x4
[ 9.296124] input: HDA NVidia HDMI/DP,pcm=3 as
/devices/pci0000:00/0000:00:01.1/0000:01:00.1/sou
nd/card0/in
put17
[ 9.296177] input: HDA NVidia HDMI/DP,pcm=7 as
/devices/pci0000:00/0000:00:01.1/0000:01:00.1/sou
nd/card0/in
put18
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 9.296223] input: HDA NVidia HDMI/DP,pcm=8 as  
/devices/pci0000:00/0000:00:01.1/0000:01:00.1/sou  
nd/card0/in  
put19  
[ 9.296267] input: HDA NVidia HDMI/DP,pcm=9 as  
/devices/pci0000:00/0000:00:01.1/0000:01:00.1/sou  
nd/card0/in  
put20  
[ 9.299475] ieee80211 phy0: Selected rate  
control algorithm 'iwl-mvm-rs'  
[ 9.301188] iwlwifi 0000:04:00.0 wlp4s0:  
renamed from wlan0  
[ 9.341645] snd_rpl_pci_acp6x 0000:05:00.5:  
enabling device (0000 -> 0002)  
[ 9.366992] snd_hda_codec_alc269 hdaudioC1D0:  
ALC256: picked fixup (pin match)  
[ 9.367339] snd_hda_codec_alc269 hdaudioC1D0:  
autoconfig for ALC256: line_outs=1  
(0x14/0x0/0x0/0x0/0x0) typ  
e:speaker  
[ 9.367341] snd_hda_codec_alc269 hdaudioC1D0:  
speaker_outs=0 (0x0/0x0/0x0/0x0/0x0)  
[ 9.367343] snd_hda_codec_alc269 hdaudioC1D0:  
hp_outs=1 (0x21/0x0/0x0/0x0/0x0)  
[ 9.367345] snd_hda_codec_alc269 hdaudioC1D0:  
mono: mono_out=0x0  
[ 9.367346] snd_hda_codec_alc269 hdaudioC1D0:  
inputs:
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 9.367348] snd_hda_codec_alc269 hdaudioC1D0:
Internal Mic=0x12
[ 9.367349] snd_hda_codec_alc269 hdaudioC1D0:
Headset Mic=0x19
[ 10.142681] nouveau 0000:01:00.0: gsp: RM
version: 535.113.01
[ 10.219556] Bluetooth: hci0: Waiting for
firmware download to complete
[ 10.220173] Bluetooth: hci0: Firmware loaded
in 1479301 usecs
[ 10.220205] Bluetooth: hci0: Waiting for
device to boot
[ 10.234176] Bluetooth: hci0: Device booted in
13654 usecs
[ 10.243831] Bluetooth: hci0: Found Intel DDC
parameters: intel/ibt-11-5.ddc
[ 10.259196] Bluetooth: hci0: Applying Intel
DDC parameters completed
[ 10.263195] Bluetooth: hci0: Firmware revision
0.0 build 14 week 44 2021
[ 10.271189] Bluetooth: hci0: Reading supported
features failed (-16)
[ 10.271192] Bluetooth: hci0: Error reading
debug features
[ 10.271196] Bluetooth: hci0: HCI LE Coded PHY
feature bit is set, but its usage is not
supported.
[ 10.397335] nouveau 0000:01:00.0: bios:
version 95.07.40.40.05
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 10.773076] nouveau 0000:01:00.0: vgaarb:
deactivate vga console
[ 10.951037] input: HD-Audio Generic Headphone
as
/devices/pci0000:00/0000:00:08.1/0000:05:00.6/sou
nd/card1/
input21
[ 10.962426] [drm] amdgpu kernel modesetting
enabled.
[ 10.962457] amdgpu: vga_switcheroo: detected
switching method \_SB_.PCI0.GP17.VGA_.ATPX handle
[ 10.962631] amdgpu: ATPX version 1, functions
0x00000000
[ 10.973151] amdgpu: Virtual CRAT table created
for CPU
[ 10.973173] amdgpu: Topology: Add CPU node
[ 10.973293] amdgpu 0000:05:00.0: enabling
device (0006 -> 0007)
[ 10.973347] amdgpu 0000:05:00.0: amdgpu:
initializing kernel modesetting (IP DISCOVERY
0x1002:0x164E 0x1043
:0x3638 0xD8).
[ 10.973719] amdgpu 0000:05:00.0: amdgpu:
register mmio base: 0xFC500000
[ 10.973722] amdgpu 0000:05:00.0: amdgpu:
register mmio size: 524288
[ 10.975472] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 0 <nv_common>
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 10.975474] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 1 <gmc_v10_0>
[ 10.975476] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 2 <navi10_ih>
[ 10.975477] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 3 <psp>
[ 10.975479] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 4 <smu>
[ 10.975480] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 5 <dm>
[ 10.975482] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 6 <gfx_v10_0>
[ 10.975484] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 7 <sdma_v5_2>
[ 10.975485] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 8 <vcn_v3_0>
[ 10.975487] amdgpu 0000:05:00.0: amdgpu:
detected ip block number 9 <jpeg_v3_0>
[ 10.975496] amdgpu 0000:05:00.0: amdgpu:
Fetched VBIOS from VFCT
[ 10.975498] amdgpu: ATOM BIOS: 102-RAPHAEL-008
[ 11.041468] amdgpu 0000:05:00.0: amdgpu:
Trusted Memory Zone (TMZ) feature disabled as
experimental (default)
[ 11.041528] amdgpu 0000:05:00.0: amdgpu: vm
size is 262144 GB, 4 levels, block size is 9-bit,
fragment size
is 9-bit
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 11.041539] amdgpu 0000:05:00.0: amdgpu: VRAM:
512M 0x0000000F400000000 - 0x0000000F41FFFFFFFF
(512M used)
[ 11.041542] amdgpu 0000:05:00.0: amdgpu: GART:
1024M 0x00000000000000000 - 0x000000003FFFFFFFF
[ 11.041556] [drm] Detected VRAM RAM=512M,
BAR=512M
[ 11.041558] [drm] RAM width 64bits DDR5
[ 11.041669] amdgpu 0000:05:00.0: amdgpu:
amdgpu: 512M of VRAM memory ready
[ 11.041672] amdgpu 0000:05:00.0: amdgpu:
amdgpu: 15647M of GTT memory ready.
[ 11.041692] [drm] GART: num cpu pages 262144,
num gpu pages 262144
[ 11.041864] [drm] PCIE GART of 1024M enabled
(table at 0x0000000F41FC00000).
[ 11.042211] amdgpu 0000:05:00.0: amdgpu: [drm]
Loading DMUB firmware via PSP: version=0x05000F00
[ 11.042679] [drm] use_doorbell being set to:
[true]
[ 11.042699] amdgpu 0000:05:00.0: amdgpu: Found
VCN firmware Version ENC: 1.30 DEC: 3 VEP: 0
Revision: 4
[ 11.064852] amdgpu 0000:05:00.0: amdgpu:
reserve 0xa00000 from 0xf41e000000 for PSP TMR
[ 11.121253] amdgpu 0000:05:00.0: amdgpu: RAS:
optional ras ta ucode is not available
[ 11.126437] amdgpu 0000:05:00.0: amdgpu: RAP:
optional rap ta ucode is not available
```


EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 11.126440] amdgpu 0000:05:00.0: amdgpu:
SECUREDISPLAY: optional securedisplay ta ucode is
not available
[ 11.127646] amdgpu 0000:05:00.0: amdgpu: SMU
is initialized successfully!
[ 11.128578] amdgpu 0000:05:00.0: amdgpu: [drm]
Display Core v3.2.340 initialized on DCN 3.1.5
[ 11.128581] amdgpu 0000:05:00.0: amdgpu: [drm]
DP-HDMI FRL PCON supported
[ 11.129318] amdgpu 0000:05:00.0: amdgpu: [drm]
DMUB hardware initialized: version=0x05000F00
[ 11.846157] nouveau 0000:01:00.0: drm: VRAM:
8188 MiB
[ 11.846161] nouveau 0000:01:00.0: drm: GART:
536870912 MiB
[ 11.891720] nouveau 0000:01:00.0: drm: MM:
using COPY for buffer copies
[ 11.972678] snd_hda_intel 0000:01:00.1: bound
0000:01:00.0 (ops nv50_audio_component_bind_ops
[nouveau])
[ 11.977135] acpi device:07: registered as
cooling_device40
[ 11.977345] acpi device:27: registered as
cooling_device41
[ 11.977455] nouveau 0000:01:00.0: [drm]
Registered 4 planes with drm panic
[ 11.977457] [drm] Initialized nouveau 1.4.0
for 0000:01:00.0 on minor 1
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 11.996665] fbcon: nouveaudrmfb (fb0) is
primary device
[ 11.996668] fbcon: Deferring console take-over
[ 11.996671] nouveau 0000:01:00.0: [drm] fb0:
nouveaudrmfb frame buffer device
[ 12.028414] snd_hda_codec_nvhdmi hdaudioC0D0:
HDMI: pin NID 0x5 not registered
[ 13.151550] amdgpu 0000:05:00.0: amdgpu: [drm]
PSR support 0, DC PSR ver -1, sink PSR ver 0 DPCD
caps 0x0 s
u_y_granularity 0
[ 13.151773] amdgpu 0000:05:00.0: amdgpu: [drm]
PSR support 0, DC PSR ver -1, sink PSR ver 0 DPCD
caps 0x0 s
u_y_granularity 0
[ 13.151910] amdgpu 0000:05:00.0: amdgpu: [drm]
PSR support 0, DC PSR ver -1, sink PSR ver 0 DPCD
caps 0x0 s
u_y_granularity 0
[ 13.152036] amdgpu 0000:05:00.0: amdgpu: [drm]
PSR support 0, DC PSR ver -1, sink PSR ver 0 DPCD
caps 0x0 s
u_y_granularity 0
[ 13.152449] amdgpu 0000:05:00.0: amdgpu: kiq
ring mec 2 pipe 1 q 0
[ 13.156193] kfd kfd: amdgpu: Allocated 3969056
bytes on gart
[ 13.156211] kfd kfd: amdgpu: Total number of
KFD nodes to be created: 1
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 13.156370] amdgpu: Virtual CRAT table created
for GPU
[ 13.156492] amdgpu: Topology: Add dGPU node
[0x164e:0x1002]
[ 13.156494] kfd kfd: amdgpu: added device
1002:164e
[ 13.156505] amdgpu 0000:05:00.0: amdgpu: SE 1,
SH per SE 1, CU per SH 2, active_cu_number 2
[ 13.156509] amdgpu 0000:05:00.0: amdgpu: ring
gfx_0.0.0 uses VM inv eng 0 on hub 0
[ 13.156511] amdgpu 0000:05:00.0: amdgpu: ring
gfx_0.1.0 uses VM inv eng 1 on hub 0
[ 13.156513] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.0.0 uses VM inv eng 4 on hub 0
[ 13.156514] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.1.0 uses VM inv eng 5 on hub 0
[ 13.156516] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.2.0 uses VM inv eng 6 on hub 0
[ 13.156517] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.3.0 uses VM inv eng 7 on hub 0
[ 13.156519] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.0.1 uses VM inv eng 8 on hub 0
[ 13.156520] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.1.1 uses VM inv eng 9 on hub 0
[ 13.156522] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.2.1 uses VM inv eng 10 on hub 0
[ 13.156523] amdgpu 0000:05:00.0: amdgpu: ring
comp_1.3.1 uses VM inv eng 11 on hub 0
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 13.156525] amdgpu 0000:05:00.0: amdgpu: ring
kiq_0.2.1.0 uses VM inv eng 12 on hub 0
[ 13.156526] amdgpu 0000:05:00.0: amdgpu: ring
sdma0 uses VM inv eng 13 on hub 0
[ 13.156528] amdgpu 0000:05:00.0: amdgpu: ring
vcn_dec_0 uses VM inv eng 0 on hub 8
[ 13.156529] amdgpu 0000:05:00.0: amdgpu: ring
vcn_enc_0.0 uses VM inv eng 1 on hub 8
[ 13.156531] amdgpu 0000:05:00.0: amdgpu: ring
vcn_enc_0.1 uses VM inv eng 4 on hub 8
[ 13.156532] amdgpu 0000:05:00.0: amdgpu: ring
jpeg_dec uses VM inv eng 5 on hub 8
[ 13.157502] amdgpu 0000:05:00.0: amdgpu:
Runtime PM not available
[ 13.158178] amdgpu 0000:05:00.0: [drm]
Registered 4 planes with drm panic
[ 13.158181] [drm] Initialized amdgpu 3.64.0
for 0000:05:00.0 on minor 2
[ 13.160103] amdgpu 0000:05:00.0: [drm] Cannot
find any crtc or sizes
[ 13.160120] [drm] pre_validate_dsc:1635
MST_DSC dsc precompute is not needed
[ 17.461339] nvme nvme0: using unchecked data
buffer
[ 17.671157] Bluetooth: BNEP (Ethernet
Emulation) ver 1.3
[ 17.671161] Bluetooth: BNEP filters: protocol
multicast
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 17.671167] Bluetooth: BNEP socket layer
initialized
[ 17.672080] Bluetooth: MGMT ver 1.23
[ 17.728542] NET: Registered PF_ALG protocol
family
[ 18.104301] NET: Registered PF_QIPCRTTR
protocol family
[ 18.123122] usb 3-1.1.4: USB disconnect,
device number 9
[ 18.481129] loop1: detected capacity change
from 0 to 8
[ 18.801450] usb 3-1.1.4: new high-speed USB
device number 10 using xhci_hcd
[ 18.876883] usb 3-1.1.4: New USB device found,
idVendor=35bc, idProduct=0108, bcdDevice= 0.00
[ 18.876887] usb 3-1.1.4: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 18.876889] usb 3-1.1.4: Product: 802.11ac
WLAN Adapter
[ 18.876890] usb 3-1.1.4: Manufacturer: Realtek
[ 18.876891] usb 3-1.1.4: SerialNumber:
00e04c000001
[ 18.929451] Generic FE-GE Realtek PHY
r8169-0-300:00: attached PHY driver
(mii_bus:phy_addr=r8169-0-300:00,
irq=MAC)
[ 18.950476] rtw89_8852bu 3-1.1.4:1.0: loaded
firmware rtw89/rtw8852b_fw-1.bin
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 18.955635] rtw89_8852bu 3-1.1.4:1.0: MAC has
already powered on
[ 19.014139] rtw89_8852bu 3-1.1.4:1.0: Firmware
version 0.29.29.5 (da87cccd), cmd version 0, type
5
[ 19.014142] rtw89_8852bu 3-1.1.4:1.0: Firmware
version 0.29.29.5 (da87cccd), cmd version 0, type
3
[ 19.096561] r8169 0000:03:00.0 enp3s0: Link is
Down
[ 20.550260] rtw89_8852bu 3-1.1.4:1.0: chip
rfe_type is 1
[ 20.681517] ACPI: \: failed to evaluate _DSM
e8c3a8d2-694b-004f-82bd-fe8607803aa7 rev:0
func:10 (0x1001)
[ 20.681522] ACPI: \: failed to evaluate _DSM
e8c3a8d2-694b-004f-82bd-fe8607803aa7 rev:0
func:6 (0x1001)
[ 20.683761] rtw89_8852bu 3-1.1.4:1.0: rfkill
hardware state changed to enable
[ 20.683858] usbcore: registered new interface
driver rtw89_8852bu
[ 20.709318] rtw89_8852bu 3-1.1.4:1.0
wlxa829481c8c74: renamed from wlan0
[ 28.234232] nouveau 0000:01:00.0: vgaarb: VGA
decodes changed:
olddecodes=io+mem,decodes=none:owns=none
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 28.234236] amdgpu 0000:05:00.0: vgaarb: VGA
decodes changed:
olddecodes=io+mem,decodes=none:owns=none
[ 30.627365] snd_hda_codec_nvhdmi hdaudioC0D0:
HDMI: pin NID 0x5 not registered
[ 32.352963] Bluetooth: RFCOMM TTY layer
initialized
[ 32.352971] Bluetooth: RFCOMM socket layer
initialized
[ 32.352977] Bluetooth: RFCOMM ver 1.11
[ 33.928883] snd_hda_codec_nvhdmi hdaudioC0D0:
HDMI: pin NID 0x5 not registered
[ 37.848520] warning: `kdeconnectd' uses
wireless extensions which will stop working for
Wi-Fi 7 hardware; u
se nl80211
[ 42.762441] asus_wmi: Unknown key code 0x98
[ 50.759064] asus_wmi: Unknown key code 0x98
[ 79.845704] asus_wmi: Unknown key code 0x98
[ 82.744930] asus_wmi: Unknown key code 0x98
[ 128.326014] asus_wmi: Unknown key code 0x98
[ 129.625994] asus_wmi: Unknown key code 0x98
[ 132.625024] asus_wmi: Unknown key code 0x98
[ 157.480002] wlp4s0: authenticate with
8c:9a:8f:22:77:b0 (local
address=34:f3:9a:36:f5:65)
[ 157.481452] wlp4s0: send auth to
8c:9a:8f:22:77:b0 (try 1/3)
[ 157.487346] wlp4s0: authenticated
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 157.488436] wlp4s0: associate with
8c:9a:8f:22:77:b0 (try 1/3)
[ 157.489439] wlp4s0: RX AssocResp from
8c:9a:8f:22:77:b0 (capab=0x1011 status=0 aid=26)
[ 157.493859] wlp4s0: associated
[ 157.537797] wlp4s0: Limiting TX power to 30
(30 - 0) dBm as advertised by 8c:9a:8f:22:77:b0
[ 167.713114] asus_wmi: Unknown key code 0x98
[ 171.612077] asus_wmi: Unknown key code 0x98
[ 224.997290] asus_wmi: Unknown key code 0x98
[ 252.989311] asus_wmi: Unknown key code 0x98
[ 278.183281] asus_wmi: Unknown key code 0x98
[ 279.383392] asus_wmi: Unknown key code 0x98
[ 282.283241] asus_wmi: Unknown key code 0x98
[ 283.683320] asus_wmi: Unknown key code 0x98
[ 288.682881] asus_wmi: Unknown key code 0x98
[ 290.782382] asus_wmi: Unknown key code 0x98
[ 291.982565] asus_wmi: Unknown key code 0x98
[ 318.094483] asus_wmi: Unknown key code 0x98
[ 325.395669] asus_wmi: Unknown key code 0x98
[ 338.893600] asus_wmi: Unknown key code 0x98
[ 355.194605] asus_wmi: Unknown key code 0x98
[ 364.093616] asus_wmi: Unknown key code 0x98
[ 423.487594] asus_wmi: Unknown key code 0x98
[ 436.987127] asus_wmi: Unknown key code 0x98
[ 445.187245] asus_wmi: Unknown key code 0x98
[ 522.189342] asus_wmi: Unknown key code 0x98
[ 526.089381] asus_wmi: Unknown key code 0x98
[ 538.990643] asus_wmi: Unknown key code 0x98
```


EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1136.701717] usb 3-1: USB disconnect, device
number 2
[ 1136.701725] usb 3-1.1: USB disconnect, device
number 4
[ 1136.701727] usb 3-1.1.1: USB disconnect,
device number 6
[ 1136.739036] usb 3-1.1.2: USB disconnect,
device number 7
[ 1136.797457] usb 3-1.1.3: USB disconnect,
device number 8
[ 1136.857146] usb 3-1.1.4: USB disconnect,
device number 10
[ 1136.935350] usb 3-1.4: USB disconnect, device
number 5
[ 1137.310740] usb 3-1: new high-speed USB device
number 11 using xhci_hcd
[ 1137.435459] usb 3-1: New USB device found,
idVendor=214b, idProduct=7250, bcdDevice= 1.00
[ 1137.435464] usb 3-1: New USB device strings:
Mfr=0, Product=1, SerialNumber=0
[ 1137.435467] usb 3-1: Product: USB2.0 HUB
[ 1137.479432] hub 3-1:1.0: USB hub found
[ 1137.479728] hub 3-1:1.0: 4 ports detected
[ 1137.747697] usb 3-1.1: new high-speed USB
device number 12 using xhci_hcd
[ 1137.822459] usb 3-1.1: New USB device found,
idVendor=214b, idProduct=7250, bcdDevice= 1.00
[ 1137.822464] usb 3-1.1: New USB device strings:
Mfr=0, Product=1, SerialNumber=0
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1137.822467] usb 3-1.1: Product: USB2.0 HUB
[ 1137.863396] hub 3-1.1:1.0: USB hub found
[ 1137.863712] hub 3-1.1:1.0: 4 ports detected
[ 1137.927685] usb 3-1.4: new low-speed USB
device number 13 using xhci_hcd
[ 1138.019284] usb 3-1.4: New USB device found,
idVendor=413c, idProduct=2106, bcdDevice= 1.01
[ 1138.019289] usb 3-1.4: New USB device strings:
Mfr=1, Product=2, SerialNumber=0
[ 1138.019291] usb 3-1.4: Product: Dell QuietKey
Keyboard
[ 1138.019293] usb 3-1.4: Manufacturer: DELL
[ 1138.062484] input: DELL Dell QuietKey Keyboard
as
/devices/pci0000:00/0000:00:08.1/0000:05:00.4/usb
3/3-1/3-
1.4/3-1.4:1.0/0003:413C:2106.0004/input/input22
[ 1138.131666] usb 3-1.1.1: new high-speed USB
device number 14 using xhci_hcd
[ 1138.168703] hid-generic 0003:413C:2106.0004:
input,hidraw2: USB HID v1.10 Keyboard [DELL Dell
QuietKey Keyb
oard] on usb-0000:05:00.4-1.4/input0
[ 1138.207832] usb 3-1.1.1: New USB device found,
idVendor=1221, idProduct=3234, bcdDevice= 0.00
[ 1138.207836] usb 3-1.1.1: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 1138.207838] usb 3-1.1.1: SerialNumber:
3727114765431B1231354
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1138.208227] usb-storage 3-1.1.1:1.0: USB Mass
Storage device detected
[ 1138.208368] scsi host0: usb-storage
3-1.1.1:1.0
[ 1138.272650] usb 3-1.1.2: new high-speed USB
device number 15 using xhci_hcd
[ 1138.357090] usb 3-1.1.2: New USB device found,
idVendor=154b, idProduct=1006, bcdDevice= 1.10
[ 1138.357094] usb 3-1.1.2: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 1138.357096] usb 3-1.1.2: Product: USB 3.2.1 FD
[ 1138.357097] usb 3-1.1.2: Manufacturer: PNY
[ 1138.357099] usb 3-1.1.2: SerialNumber:
071C4987D2A3E191
[ 1138.357476] usb-storage 3-1.1.2:1.0: USB Mass
Storage device detected
[ 1138.357634] scsi host2: usb-storage
3-1.1.2:1.0
[ 1138.420643] usb 3-1.1.3: new high-speed USB
device number 16 using xhci_hcd
[ 1138.499083] usb 3-1.1.3: New USB device found,
idVendor=6557, idProduct=2033, bcdDevice= 2.00
[ 1138.499087] usb 3-1.1.3: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 1138.499090] usb 3-1.1.3: Product: Flash Disk
[ 1138.499092] usb 3-1.1.3: Manufacturer: USB
[ 1138.499094] usb 3-1.1.3: SerialNumber:
FC056E682BBDD
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1138.499609] usb-storage 3-1.1.3:1.0: USB Mass
Storage device detected
[ 1138.499777] scsi host3: usb-storage
3-1.1.3:1.0
[ 1138.561628] usb 3-1.1.4: new high-speed USB
device number 17 using xhci_hcd
[ 1138.637081] usb 3-1.1.4: New USB device found,
idVendor=35bc, idProduct=0108, bcdDevice= 0.00
[ 1138.637086] usb 3-1.1.4: New USB device
strings: Mfr=1, Product=2, SerialNumber=3
[ 1138.637089] usb 3-1.1.4: Product: 802.11ac
WLAN Adapter
[ 1138.637091] usb 3-1.1.4: Manufacturer: Realtek
[ 1138.637093] usb 3-1.1.4: SerialNumber:
00e04c000001
[ 1138.640201] rtw89_8852bu 3-1.1.4:1.0: loaded
firmware rtw89/rtw8852b_fw-1.bin
[ 1138.682331] rtw89_8852bu 3-1.1.4:1.0: Firmware
version 0.29.29.5 (da87cccd), cmd version 0, type
5
[ 1138.682335] rtw89_8852bu 3-1.1.4:1.0: Firmware
version 0.29.29.5 (da87cccd), cmd version 0, type
3
[ 1139.223197] scsi 0:0:0:0: Direct-Access
Flash      USB Disk          2.F0 PQ: 0 ANSI: 2
[ 1139.223444] sd 0:0:0:0: Attached scsi generic
sg0 type 0
[ 1139.224131] sd 0:0:0:0: [sda] 3891200 512-byte
logical blocks: (1.99 GB/1.86 GiB)
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1139.224249] sd 0:0:0:0: [sda] Write Protect is
off
[ 1139.224251] sd 0:0:0:0: [sda] Mode Sense: 0b
00 00 08
[ 1139.224371] sd 0:0:0:0: [sda] No Caching mode
page found
[ 1139.224372] sd 0:0:0:0: [sda] Assuming drive
cache: write through
[ 1139.261394] sda: sda1
[ 1139.261452] sd 0:0:0:0: [sda] Attached SCSI
removable disk
[ 1139.416961] scsi 2:0:0:0: Direct-Access
PNY          USB 3.2.1 FD          PMAP PQ: 0 ANSI: 6
[ 1139.417129] sd 2:0:0:0: Attached scsi generic
sg1 type 0
[ 1139.417977] sd 2:0:0:0: [sdc] 121145344
512-byte logical blocks: (62.0 GB/57.8 GiB)
[ 1139.418852] sd 2:0:0:0: [sdc] Write Protect is
off
[ 1139.418854] sd 2:0:0:0: [sdc] Mode Sense: 45
00 00 00
[ 1139.419505] sd 2:0:0:0: [sdc] Write cache:
disabled, read cache: enabled, doesn't support
DPO or FUA
[ 1139.461477] sdc: sdc1 sdc2 sdc3
[ 1139.461587] sd 2:0:0:0: [sdc] Attached SCSI
removable disk
[ 1139.543181] scsi 3:0:0:0: Direct-Access
USB          Flash Disk          3.00 PQ: 0 ANSI: 4
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE

```
[ 1139.543312] sd 3:0:0:0: Attached scsi generic
sg2 type 0
[ 1139.544000] sd 3:0:0:0: [sdd] 243472384
512-byte logical blocks: (125 GB/116 GiB)
[ 1139.544118] sd 3:0:0:0: [sdd] Write Protect is
off
[ 1139.544121] sd 3:0:0:0: [sdd] Mode Sense: 03
00 00 00
[ 1139.544233] sd 3:0:0:0: [sdd] No Caching mode
page found
[ 1139.544235] sd 3:0:0:0: [sdd] Assuming drive
cache: write through
[ 1139.582253]   sdd: sdd1
[ 1139.582315] sd 3:0:0:0: [sdd] Attached SCSI
removable disk
[ 1140.212952] rtw89_8852bu 3-1.1.4:1.0: chip
rfe_type is 1
[ 1140.343831] ACPI: \: failed to evaluate _DSM
e8c3a8d2-694b-004f-82bd-fe8607803aa7 rev:0
func:10 (0x1001)
[ 1140.343837] ACPI: \: failed to evaluate _DSM
e8c3a8d2-694b-004f-82bd-fe8607803aa7 rev:0
func:6 (0x1001)
[ 1140.346077] rtw89_8852bu 3-1.1.4:1.0: rfkill
hardware state changed to enable
[ 1140.374571] rtw89_8852bu 3-1.1.4:1.0
wlxa829481c8c74: renamed from wlan0
neon@neon:~$
```

EXHIBIT 1 - FURTHER EVIDENCE OF HARDWARE/SOFTWARE ONGOING INTERFERENCE